

SEQUENCE LISTING

<110> Fu, Rongdian
Brenner, Sydney
Albrecht, Glenn

<120> Method for Determining Relative Abundance
of Nucleic Acid Sequences

<130> 55525-8049.US00

<140> Not Yet Assigned

<141> Filed Herewith

<150> US 60/235,940

<151> 2000-09-27

<160> 24

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary tag library

<221> misc_feature

<222> (1)...(73)

<223> n = A,T,C or G

<400> 1
agaattcggg ccttaattaa dddddddddd dddddddddd dddddddddd dggggccgcg 60
ataagtcctc nnn 73

<210> 2

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<221> misc_feature

<222> (1)...(18)

<223> n = A,T,C or G

<400> 2
atcactngga tccnnnnn 18

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<400> 3
agaattcggg ccttaattaa 20

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<210> 4
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include phosphate group

<400> 4
atcgagagaa gagcgtgcac agga
25

<210> 5
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<400> 5
ttcctgtgca cgctcttctc tc
22

<210> 6
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include biotin

<400> 6
ttcctgtgca cgctcttct
19

<210> 7
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include phosphate group

<400> 7
atcctcagaa gagcgtgcac tccga
25

<210> 8
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<400> 8

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tcggagtgca cgctcttctg ag 22

<210> 9
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<221> misc_feature
 <222> (1)...(1)
 <223> 5' nucleotide modified to include biotin

<400> 9
 tcggagtgca cgctcttct 19

<210> 10
 <211> 40
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<221> misc_feature
 <222> (1)...(1)
 <223> 5' nucleotide modified to include biotin

<400> 10
 gacatgccty cattgagacg attctttttt tttttttttv 40

<210> 11
 <211> 45
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> cDNA primer construct

<221> misc_feature
 <222> (1)...(1)
 <223> 5' nucleotide modified to include biotin

<221> misc_feature
 <222> (1)...(45)
 <223> n = A,T,C or G

<400> 11
 gacatgctgc attgagacga ttcttttttt tttttttttt tvnnn 45

<210> 12
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> cDNA primer construct

<221> misc_feature
 <222> (1)...(37)
 <223> n = A,T,C or G

<400> 12
 gcattgagac gattcttttt tttttttttt tttvnnn 37

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<210> 13
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> cDNA primer construct

<221> misc_feature
<222> (1)...(36)
<223> n = A,T,C or G

<400> 13
nnnbaaaaaa aaaaaaaaaa aagaatcgtc tcannn      36

<210> 14
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
<223> cloning vector

<400> 14
ttaattaagg addddddddd ddddddddd dddggggcccg cataagtctt      60
c                                                    61

<210> 15
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic spacer

<221> misc_feature
<222> (28)...(28)
<223> 3' nucleotide attached to a bead

<400> 15
tccttaatta actggtctca ctgtogca      28

<210> 16
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include phosphate group

<221> misc_feature
<222> (18)...(18)
<223> 3' nucleotide modified to include fluorescein dye

<400> 16
gatcacgagc tgccagtc      18

<210> 17
<211> 14
<212> DNA

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```

<213> Artificial Sequence

<220>
<223> adaptor

<400> 17
gactggcagc tcgt
14

<210> 18
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include biotin

<400> 18
agtgaattcg ggccttaatt aa
22

<210> 19
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include fluorescein dye

<400> 19
gtacccgcgg ccgcggtcga ctctagagga tc
32

<210> 20
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> probe SID decoder

<400> 20
agaagagcgt gcacaggaa
19

<210> 21
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> probe SID decoder

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include two PEG chains
and a Cy5 dye

<400> 21
ttcctgtgca cgtctttctc tc
22

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<210> 22
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> probe SID decoder

<400> 22
agaagagcgt gcactccga
19

<210> 23
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> probe SID decoder

<221> misc feature
<222> (1)...(1)
<223> 5' nucleotide modified to include two PEG chains
and a fluorescein dye

<400> 23
tcggagtgca cgctcttctg ag
22

<210> 24
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> 3' end of exemplary tag sequence

<221> misc feature
<222> (1)...(16)
<223> n = A,T,C or G

<400> 24
nnnggatccg agtgat
16

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